OIL/GAS PRODUCTION FACILITY REGISTRATION

NORTH DAKOTA DEPARTMENT OF HEALTH
DIVISION OF AIR QUALITY
SFN 14334 (12-05) (AP-114)

GENERAL

Type of Report ☐ Initial ☐ Amended		Well Status ☐ Initial Completion ☐ Recompletion	
Name of Owner/Operator			
Official to Contact on Air Pollution Matters	Title	Telephone Number	
Name of Applicant	Title	Telephone Number	
Mailing Address	City	State	Zip Code

FACILITY DATA

Well(s) Name	Producing Pool	Field Name
Legal Description of Well Site Surface Location 1/4 1/4, Section , Twp. N., Rge. W	Permit Number	Date of Completion/Recompletion

Location of Treater
□ On-site
* □ At Central Tank Battery, Specify Location 1/4 1/4, Section , Twp. N, Rge. W

Location of Storage Tanks
□ On-site
* □ At Central Tank Battery, Specify Location 1/4 1/4, Section , Twp. N, Rge. W

Location of Flare
□ On-site
* □ At Central Tank Battery, Specify Location 1/4 1/4, Section , Twp. N, Rge. W

Other Air Pollution Equipment (e.g., Internal Combustion Engines @ x HP - compressors, generators, etc., whose collective HP rating exceeds 500 HP), Specify:

* The emissions for the entire facility must be included in the section titled "EMISSIONS". Include well name and file number in the section titled "COMMENTS" on any additional well(s) using the central tank battery.

GAS INFORMATION

Gas/Oil Ratio (cf/bbl)	Date of GOR	H_2S Content in Gas "ATTACH GAS ANALYSIS" ppm or mole % (1% = 10,000 ppm)

Disposition of Gas (check all that apply)
□ Flared, Estimate Amount_____ Mcf/day
□ Sold to_____
□ Used on Lease, Estimate Amount_____ Mcf/day
□ Currently Flared Scheduled to be Tied-in
To _____ By_____

EQUIPMENT

Flare System □ Equipped with Automatic Ignitor □ Equipped with Continuous Pilot, Specify Pilot Fuel	Flare Stack Height Above Ground Feet

STORAGE TANKS

Number of Saltwater	Number of Oil	Estimate Total Amount of Gas Generated From Storage Tanks Mcf/day with ppm H_2S

Tank Gas Emissions Are:
□ Controlled by Vapor Recovery Unit
□ Burned by Flare (Include Amount of SO_2 Produced in "EMISSIONS" Section)
□ Burned by Treater (Include Amount of SO_2 Produced in "EMISSIONS" Section)
□ Vented to Atmosphere
□ Other, Specify

TREATER

Treater Fuel	If Sour ppm H_2S	Treater Stack Height Above Ground Feet

EMISSIONS

Annual Total S Emissions (Note: For facilities comp/recomp prior to 7/1/87, if Total S is 10 T/yr or greater, registration must be submitted. All facilities comp/recomp on or after 7/1/87 must submit registration.)

S = (Flared + Lease Use + Vented) (mole % H_2S) (0.00042)

Mcf/Day	*	% H_2S	*	Days/Year	*	0.00042	=	Tons/year (total S)

Annual SO_2 Emissions (Note: This calculation is necessary to determine if prevention of significant deterioration (PSD) or Title V permitting is required.)

SO_2 (tons/year) = (Flared + Lease Use) (mole % H_2S) (days operation/year) (0.00084)

Mcf/Day	*	% H_2S	*	Days/Year	*	0.00084	=	Tons/year (SO_2)

If $SO_2 \geq$ 100 tons/year, additional permitting is required.

COMMENTS

Signature of Applicant X	Date

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